

PRODUCT DATASHEET HTM 150/230...240

HALOTRONIC®-COMPACT - HTM, HTN | Electronic transformers for low-voltage halogen lamps



Areas of application

- Effect and accent lighting
- Living rooms
- Object lighting
- Conference rooms
- Restaurants
- Recessed and surface-mounted furniture luminaires
- Shop lighting
- Event rooms

Product benefits

- Very low power loss thanks to high efficacy
- Strain relief suitable for different cable types (HTM)
- Suitable for space-critical installation thanks to compact functional design
- Extremely compact transformer for highly space-critical installation conditions (HTN)
- Protective operation throughout the entire partial-load range for long lamp life

Product features

- Line frequency: 50...60 Hz
- RI suppression: to EN 55015 (A1: 2007)/CISPR 15, EN 55022
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547
- Safety: to EN 61347
- Short-circuit protection, overload protection, overtemperature protection: electronically reversible
- Electrical isolation between the primary side and the secondary side
- Dimmable on the leading edge (without HTN) and trailing edge

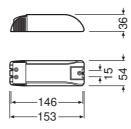
TECHNICAL DATA

Electrical data

Nominal wattage	157.00 W
Nominal voltage	230240 V
Nominal output voltage	11.4 V / 11.5 V ¹⁾
Input voltage range	230240 V
Input voltage AC	207264 V
Inrush current	1.1 A ²⁾
Mains frequency	50/60 Hz ³⁾
Power factor λ	0.99
ECG efficiency	95 % ⁴⁾
Device power loss	7 W ²⁾
Max. ECG no. on circuit breaker 10 A (B)	16
Max. ECG no. on circuit breaker 16 A (B)	26
Operating frequency	40 kHz

^{1) &}lt;sub>150 W / 50 W</sub>

Dimensions & Weight



Length	153.00 mm
Mounting hole spacing, length	146,0 mm
Width	54.00 mm
Height	36.00 mm
Cable cross-section, input side	1.5 mm ²
Cable cross-section, output side	2.5 mm ²
Wire preparation length, input side $12 \text{ mm} / 8.0 \text{ mm}^{1)}$	
Wire preparation length, output side	12 mm / 8.0 mm ¹⁾

^{2) &}lt;sub>Maximum</sub>

³⁾ Approximately

⁴⁾ At full load

Product weight 185.00 g

¹⁾ Cable sheath / Wire

Colors & materials

Product color	Grey
Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	0+45 °C
Maximum temperature at tc test point	80 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	585 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Additional product data

Encapsulated	No
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Capabilities

Dimmable	Yes	
Dimming range	0100 %	
Overheating protection	Automatic reversible	
Overload protection	Automatic reversible	
No-load proof	Yes	
Short-circuit protection	Automatic reversible	
Max. cable length to lamp/LED module	2,0 m	
Suitable for fixtures with prot. class	П	
Type of connection, output side	Screw terminal	

Certificates & Standards

Approval marks – approval VDE / VDE-EMC / E1 approval / EAC	
Standards	Acc. to DIN VDE 0875/CISPR 15/EN 55015 / Acc. to EN 61547/EN 61047 / Acc. to IEC 61000-3-2/EN 61000-3-2 / Acc. to IEC 61347 / Acc. to EN 61000-3-2 / Acc. to EN 61047 / Acc. to EN 61347 / Acc. to EN 61347 / Acc. to EN 55015
Protection class	П
Type of protection	IP20

LOGISTICAL DATA

	Temperature range at storage	-40+85 °C
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DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity CE
PDF	Certificates

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300581415	Unpacked 1		192.50 g	
4050300581422	Shipping box 10	276 mm x 98 mm x 166 mm	2046.50 g	4.49 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.